

**AMENDMENTS TO THE SPECIFICATION**

Please replace page 34 of the specification as amended herewith:

N,N,N',N'-tetramethyl-6-carboxyrhodimne (TAMRA)  
tetramethyl rhodamine  
tetramethyl rhodamine isothiocyanate(TRITC)

riboflavin

rosolic acid

terbium chelate derivatives

europium chelate derivatives

In the above method of the invention, the oligonucleotides used are preferably selected to have the following sequences :

Seq Id 10: [[1).]] 5'-GGG GTA CTA CAG CGC CCT GA - 3'

Seq Id 19: [[2).]] 5'-GGG GTA CTA CAG CGC CCT GA -3'

|  
FAM

Seq Id 13: [[3).]] 5'-GTC CTG GAA GAT GGC CAT GG -3'

Seq Id 20: [[4).]] 5'-GTC CTG GAA GAT GGC CAT GG -3'

|  
JOE

Seq Id 12: [[5).]] 5'-ATG GCC ATC GTC CTG GAA GAT GGC CAT GG -3'

Seq Id 22: [[6).]] 5'-DABCYL-ATG GCC ATC GTC CTG GAA GAT GGC CAT GG  
-3'

|  
JOE

Seq Id 23: [[7).]] 5'-DABCYL-ATG GCC ATC GTC CTG GAA GAT GGC CAT GG -3'

|  
FAM

Seq Id 24: [[8).]] 5'-GCT CAT GGC GCC TGC CTG G -3'

|  
DABCYL

Seq Id 11: [[9).]] 5'-ATG GCC ATG TCC TGG AAG ATG GCC ATG G -3'

FAM

Rhod

JOE